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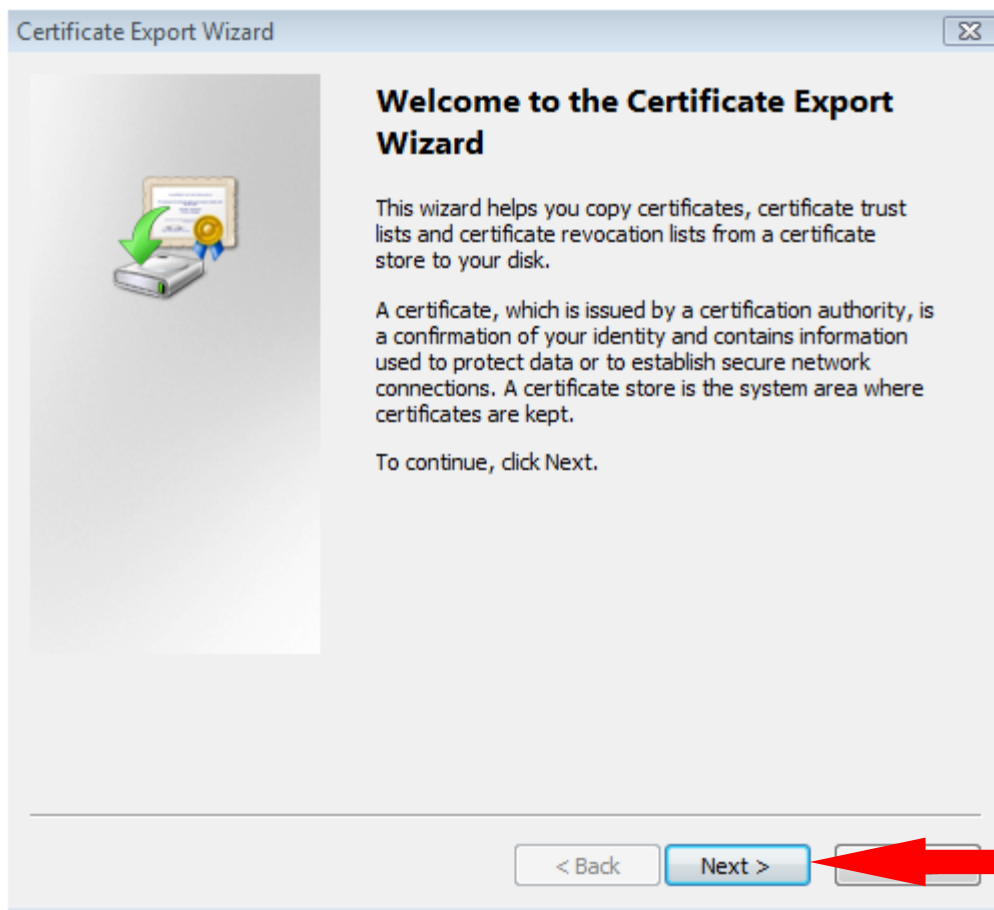
Export XP Certificate

- It is recommended ALL personnel request brand new certificates on XP computers prior to converting all facility computers to Vista. Once the new certificate is installed on the XP machine, individuals must follow these export procedures **BEFORE** all computers are converted to Vista.
- The certificate will be good for one year while the NOTAM office continues maintenance to allow certificate requests via Vista systems.
- First, Go to Internet Explorer,
 - Then “Tools,” then “Internet Options”
 - Then “Content” (shown at the top)
 - Then “Certificates, ” then “Export”
- Follow the next slide



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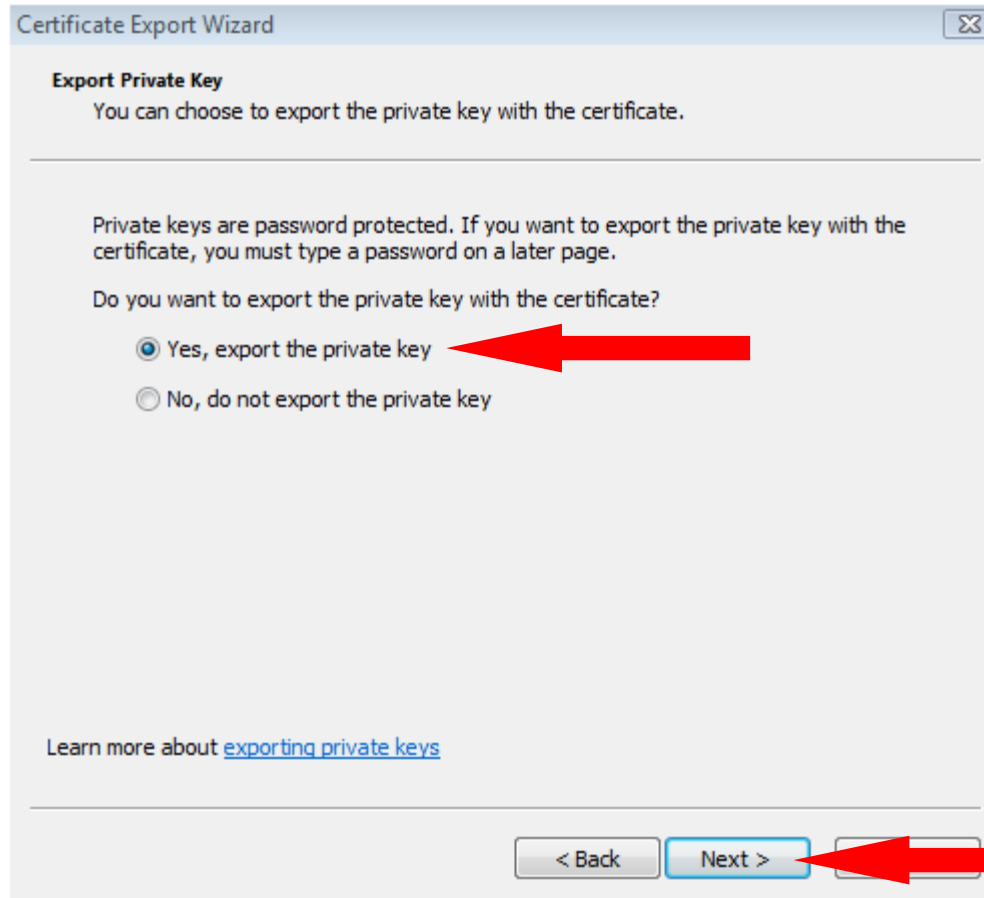
Export XP Certificate





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Export XP Certificate

A screenshot of the 'Certificate Export Wizard' dialog box. The title bar says 'Certificate Export Wizard' with a close button. The main content area has the heading 'Export Private Key' and the text 'You can choose to export the private key with the certificate.' Below this is a horizontal line. The text continues: 'Private keys are password protected. If you want to export the private key with the certificate, you must type a password on a later page.' Then it asks 'Do you want to export the private key with the certificate?'. There are two radio button options: 'Yes, export the private key' (which is selected) and 'No, do not export the private key'. A red arrow points to the 'Yes' option. At the bottom, there is a link 'Learn more about [exporting private keys](#)'. At the very bottom are three buttons: '< Back', 'Next >' (which is highlighted in blue), and a disabled button. A red arrow points to the 'Next >' button.

Certificate Export Wizard

Export Private Key
You can choose to export the private key with the certificate.

Private keys are password protected. If you want to export the private key with the certificate, you must type a password on a later page.

Do you want to export the private key with the certificate?

☒ Yes, export the private key

☐ No, do not export the private key

Learn more about [exporting private keys](#)

< Back Next > [Disabled Button]



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Export XP Certificate

Certificate Export Wizard

Export File Format
Certificates can be exported in a variety of file formats.

Select the format you want to use:

- ☐ DER encoded binary X.509 (.CER)
- ☐ Base-64 encoded X.509 (.CER)
- ☐ Cryptographic Message Syntax Standard - PKCS #7 Certificates (.P7B)
 - ☐ Include all certificates in the certification path if possible
- ☒ Personal Information Exchange - PKCS #12 (.PFX)
 - ☒ Include all certificates in the certification path if possible
 - ☒ Delete the private key if the export is successful
 - ☒ Export all extended properties
- ☐ Microsoft Serialized Certificate Store (.SST)

Learn more about [certificate file formats](#)

< Back Next > >

Select all shown here

Click NEXT



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Export XP Certificate

Certificate Export Wizard

Password
To maintain security, you must protect the private key by using a password.

Type and confirm a password.

Password:
.....

Type and confirm password (mandatory):
.....

< Back Next > Cancel

Select password, you **MUST** remember it for later. Otherwise your certificate will **NOT** work.



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Certificate Export Wizard

File to Export
Specify the name of the file you want to export

File name:

Browse...

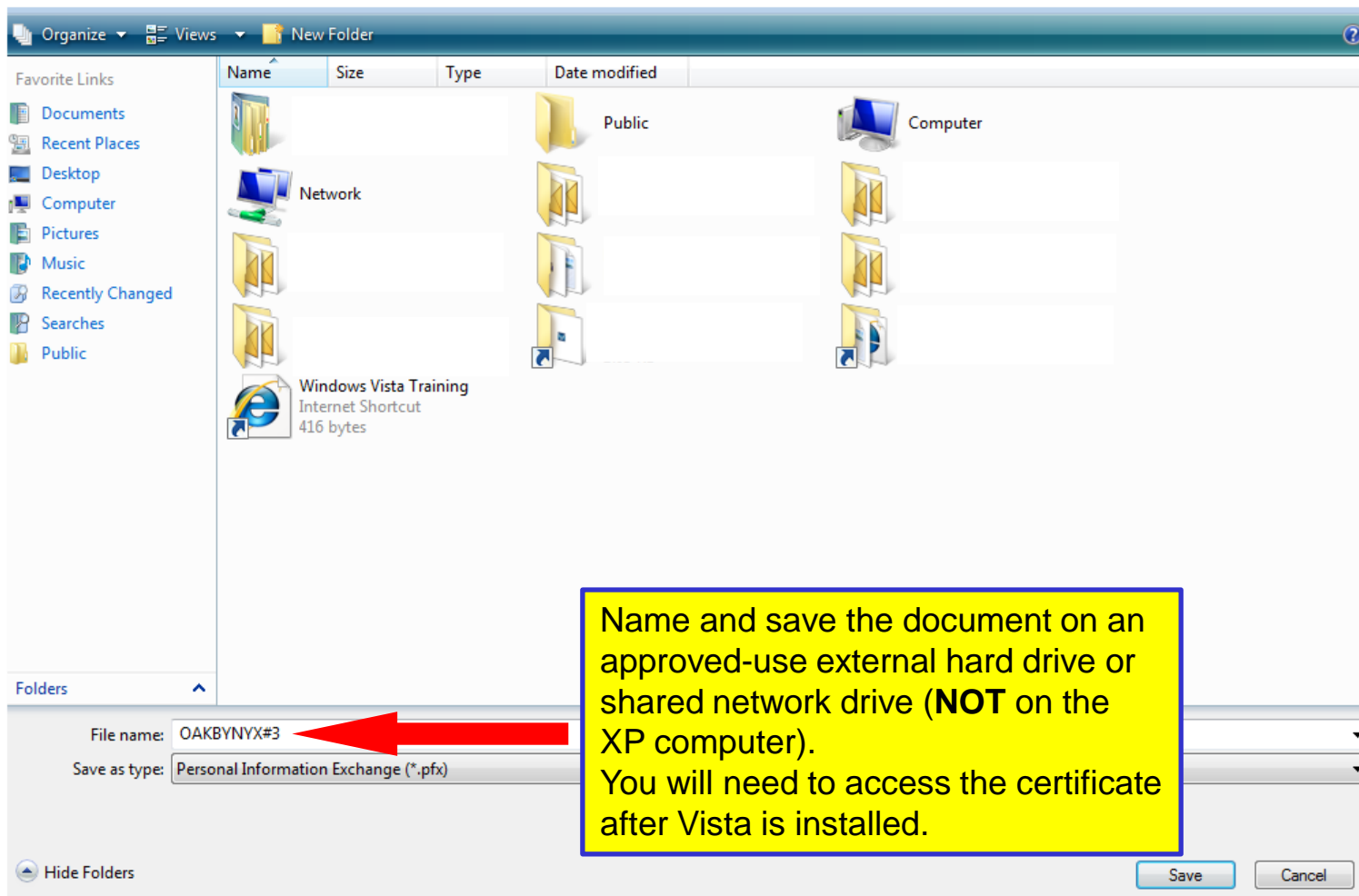
< Back Next > Cancel





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Export XP Certificate





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Export XP Certificate

Certificate Export Wizard

File to Export
Specify the name of the file you want to export

File name:

C:\Users\felicia.shropshire\ | OAKBYNYX#3.pfx | Browse...

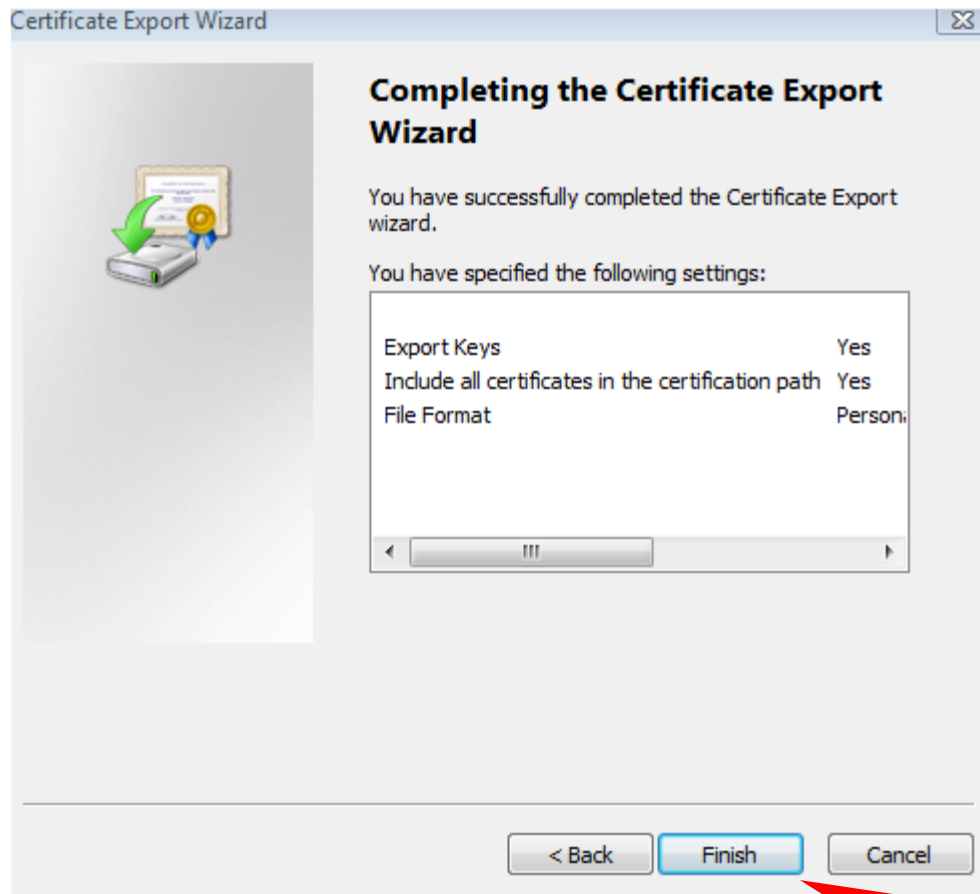
< Back | Next > |

This is the name and location where my certificate (named ORBSYNYX) is stored.



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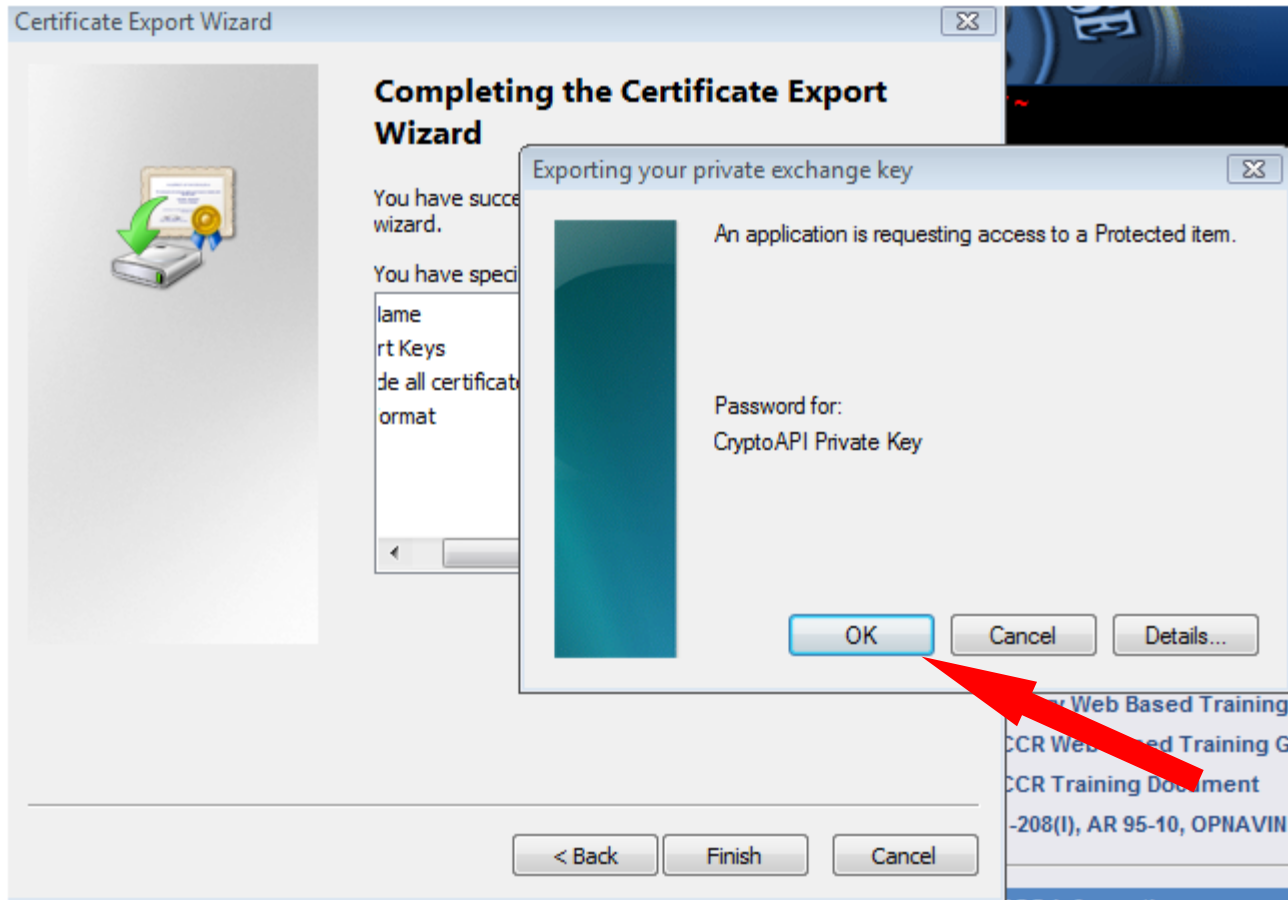
Export XP Certificate





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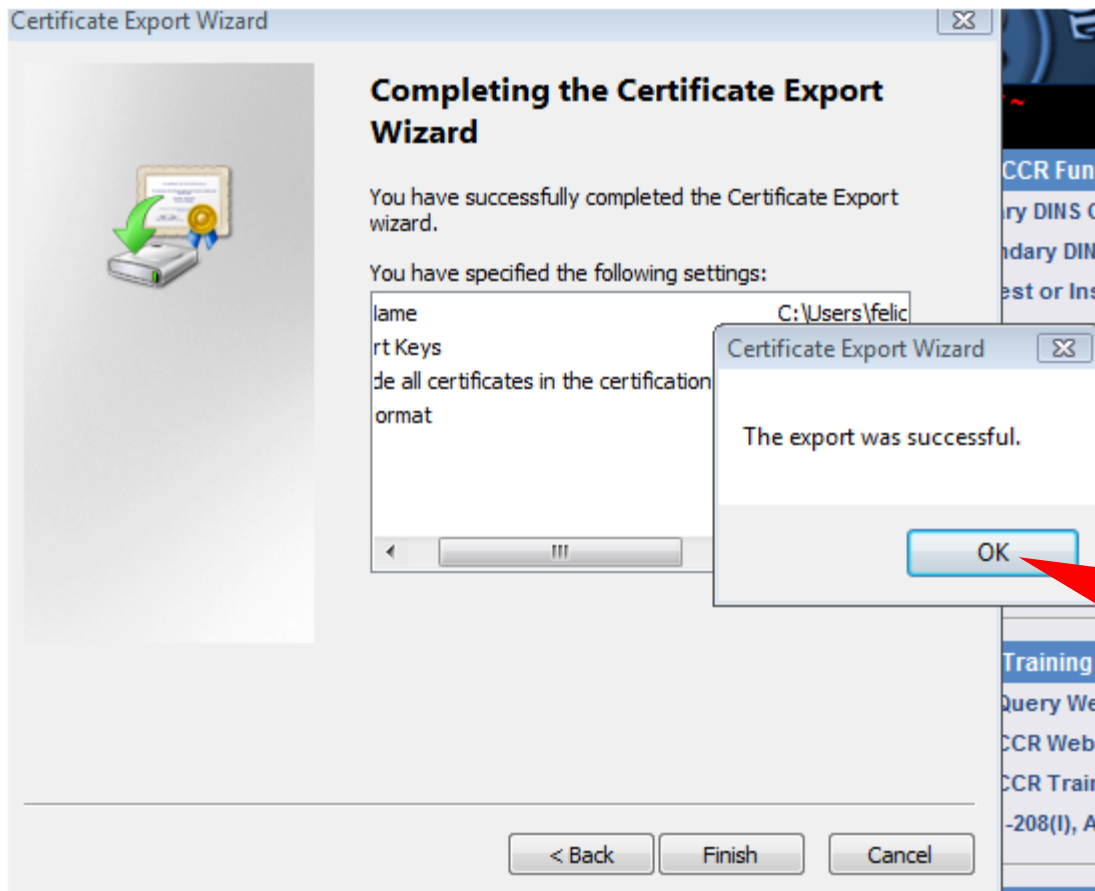
Export XP Certificate





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Export XP Certificate





Import Certificate on Vista

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- **The next slides will show how to import the (XP) certificate on to Vista.**
- **First, Go to Internet Explorer,**
 - **Then “Tools,”**
 - **Then “Internet Options”**
 - **Then “Content” (shown at the top)**
 - **Then “Certificates”**
 - **Then “Import”**
- **Follow the next slides**



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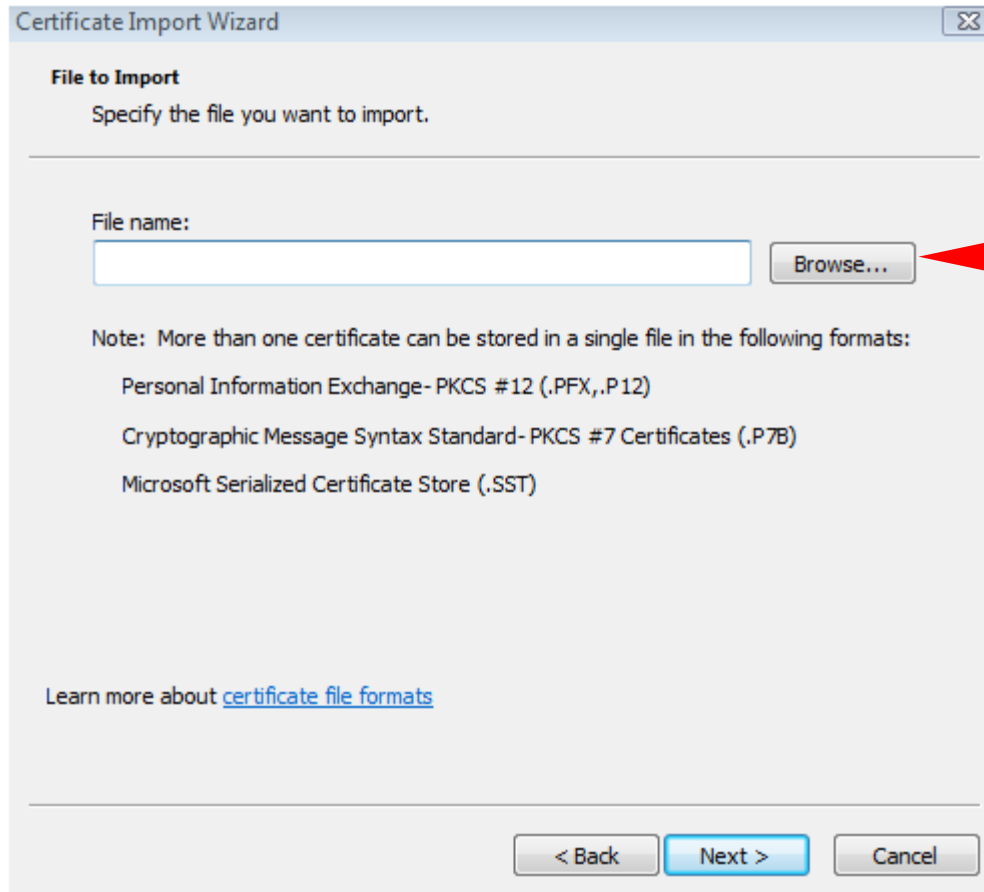
Import Certificate on Vista





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Import Certificate on Vista



The image shows a screenshot of the 'Certificate Import Wizard' dialog box in Windows Vista. The window has a title bar with the text 'Certificate Import Wizard' and a close button. The main content area is titled 'File to Import' and contains the instruction 'Specify the file you want to import.' Below this is a 'File name:' label followed by a text input field. To the right of the input field is a 'Browse...' button, which is highlighted by a large red arrow. Below the input field and button, there is a 'Note:' section that states: 'More than one certificate can be stored in a single file in the following formats:'. This is followed by three bullet points: 'Personal Information Exchange- PKCS #12 (.PFX,.P12)', 'Cryptographic Message Syntax Standard- PKCS #7 Certificates (.P7B)', and 'Microsoft Serialized Certificate Store (.SST)'. At the bottom of the dialog box, there are three buttons: '< Back', 'Next >', and 'Cancel'. A link 'Learn more about [certificate file formats](#)' is located above the 'Next >' button.

File name:

Browse...

Note: More than one certificate can be stored in a single file in the following formats:

- Personal Information Exchange- PKCS #12 (.PFX,.P12)
- Cryptographic Message Syntax Standard- PKCS #7 Certificates (.P7B)
- Microsoft Serialized Certificate Store (.SST)

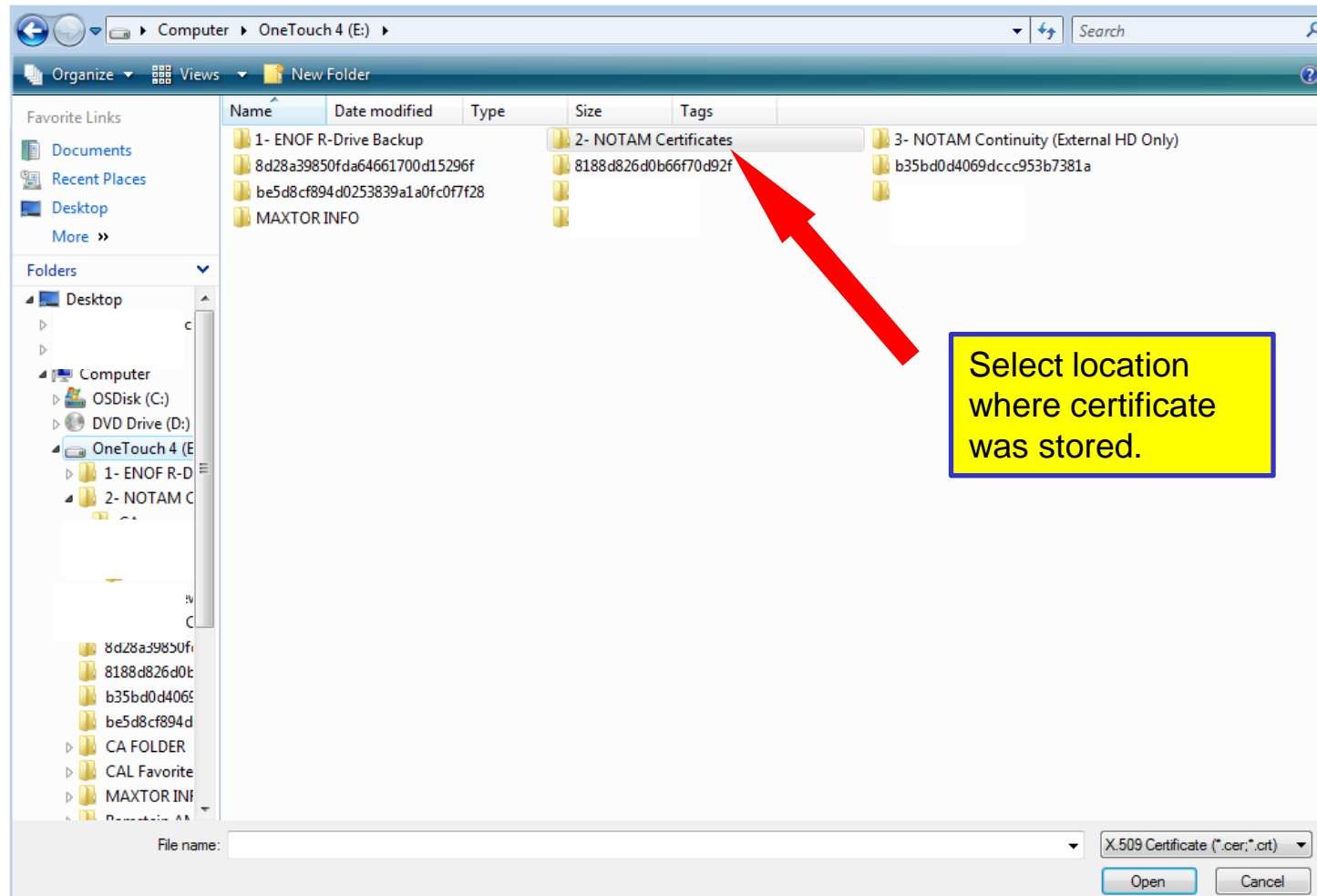
Learn more about [certificate file formats](#)

< Back Next > Cancel



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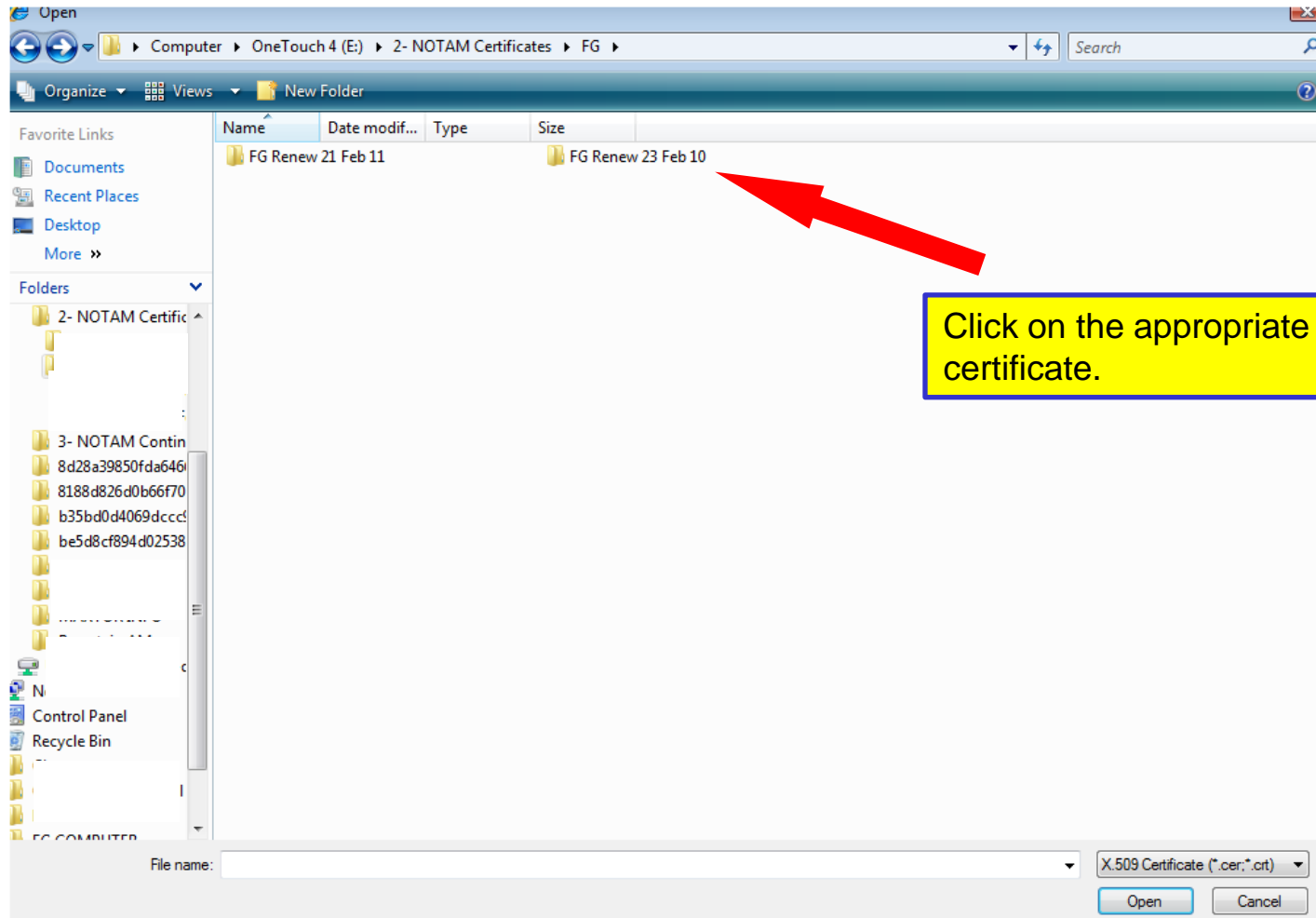
Import Certificate on Vista





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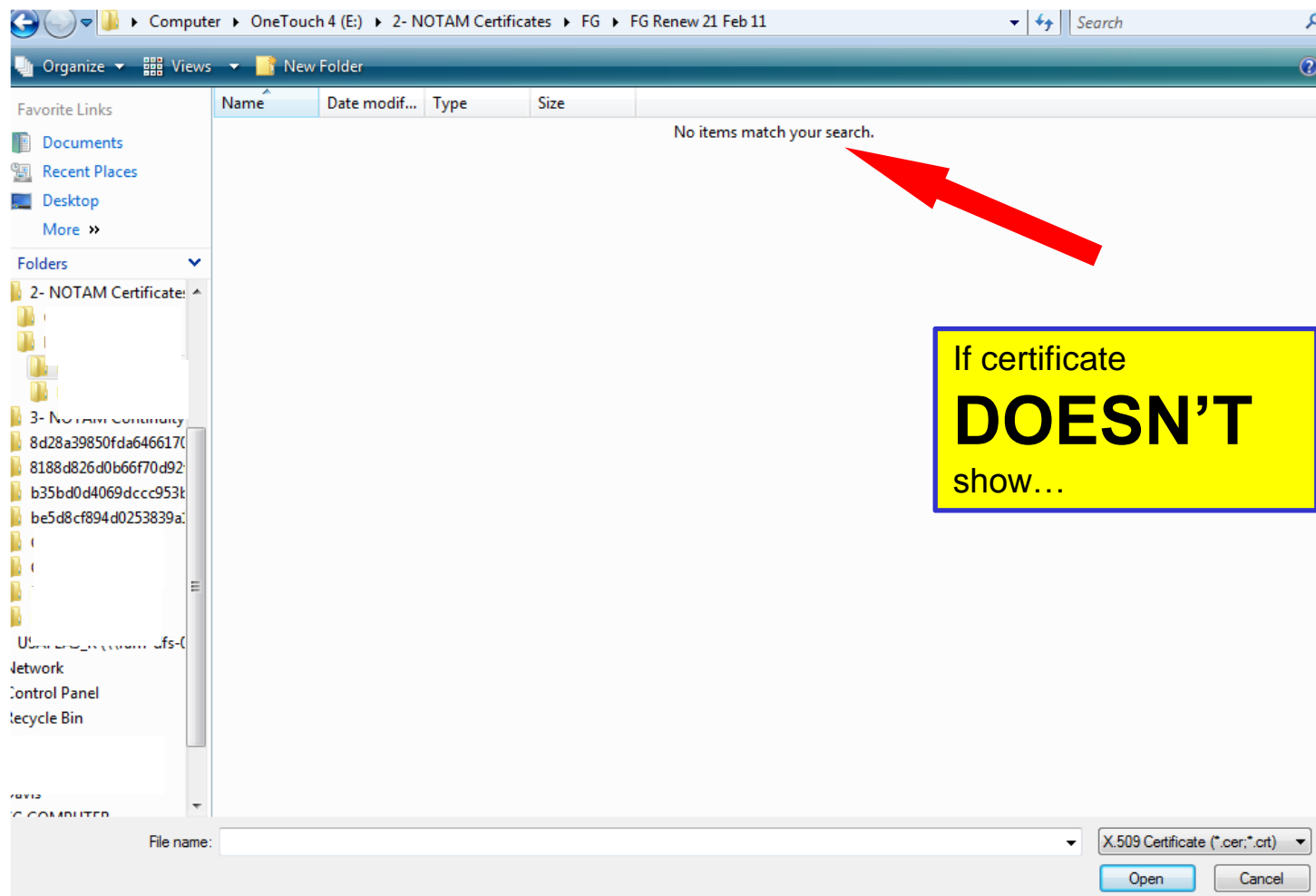
Import Certificate on Vista





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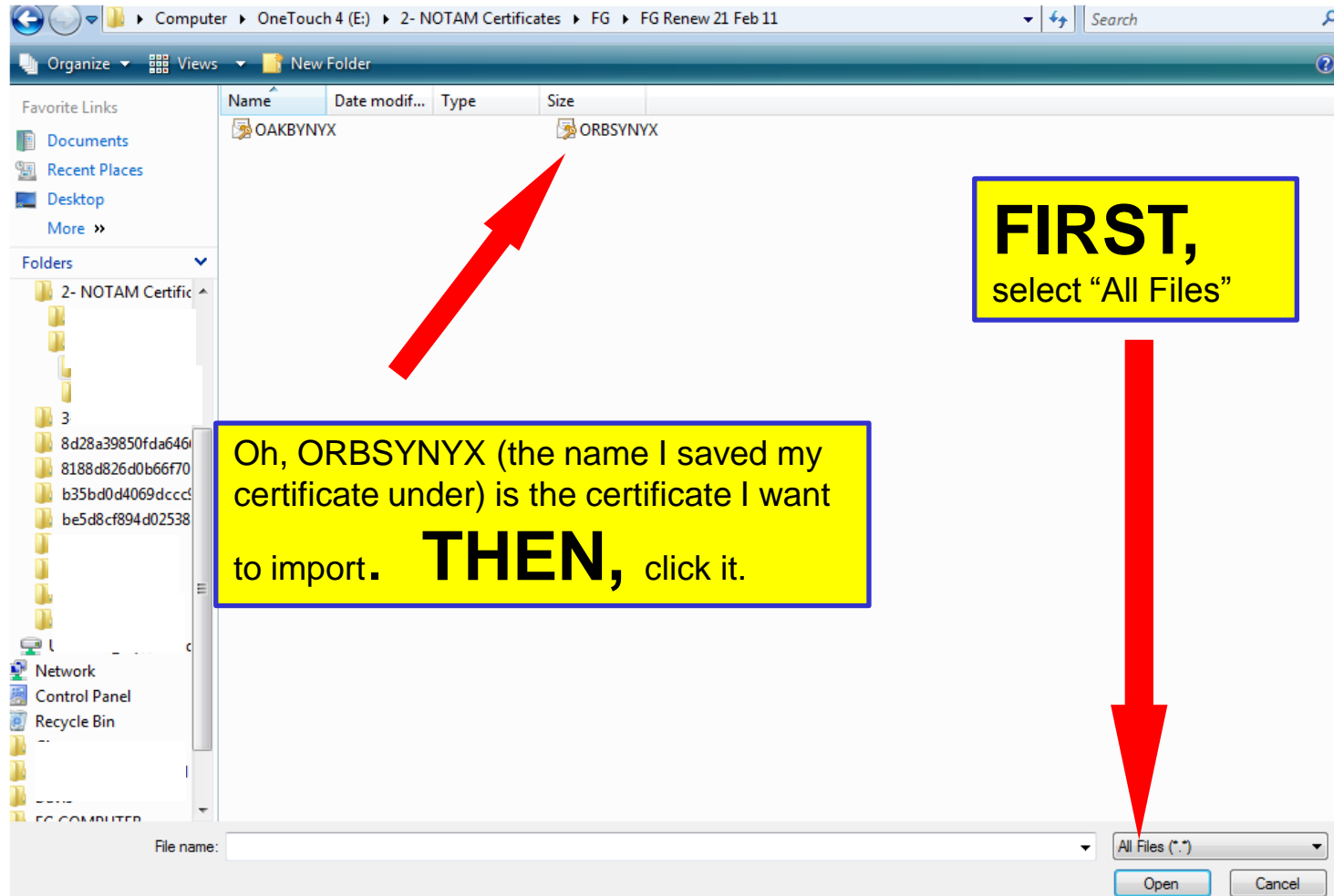
Import Certificate on Vista





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Import Certificate on Vista





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Import Certificate on Vista

certificate file formats'. At the bottom right, there are three buttons: '< Back', 'Next >', and 'Cancel'. A red arrow points from the yellow callout box to the 'Next >' button. Another red arrow points from the yellow callout box to the file name field."/>

Certificate Import Wizard

File to Import
Specify the file you want to import.

File name:
E:\2- NOTAM Certificates\FG\FG Renew 21 Feb 11\ORBSYNYX.pfx

Note: More than one certificate can be stored in a single file in the following formats:

- Personal Information Exchange- PKCS #12 (.PFX,.P12)
- Cryptographic Message Syntax Standard- PKCS #7 Certificates (.P7B)
- Microsoft Serialized Certificate Store (.SST)

Learn more about [certificate file formats](#)

< Back Next > Cancel

That's the certificate,
click **NEXT**.



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Import Certificate on Vista

The image shows the 'Certificate Import Wizard' window on a Windows Vista system. The window title is 'Certificate Import Wizard'. The main heading is 'Password'. Below the heading, it says 'To maintain security, the private key was protected with a password.' There is a horizontal line. Below the line, it says 'Type the password for the private key.' There is a text box labeled 'Password:' containing several dots. A red arrow points from a yellow callout box to this text box. Below the text box, there are three checked checkboxes: 'Enable strong private key protection. You will be prompted for the password each time the private key is used by an application if you enable this option.', 'Mark this key as exportable. This will allow you to export the key at a later time.', and 'Include all extended properties.' A red arrow points from a yellow callout box to the first two checkboxes. At the bottom, there are three buttons: '< Back', 'Next >', and 'Cancel'.

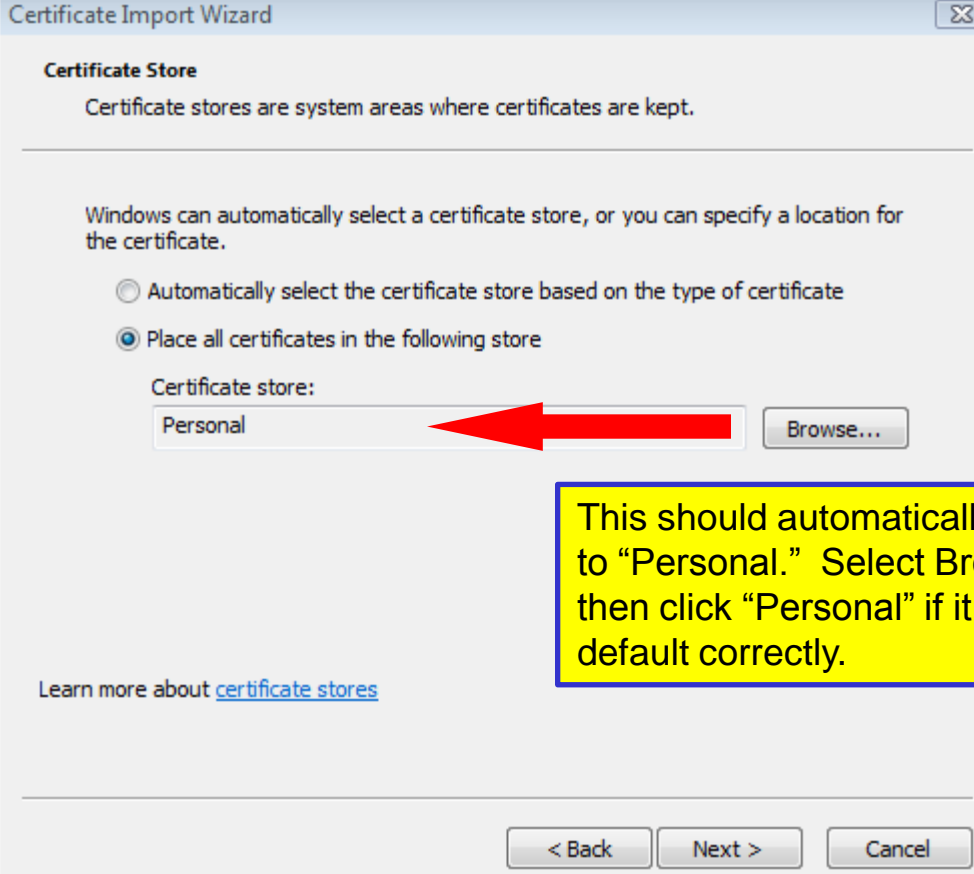
Select all boxes here. This will allow you to import the certificate again to another computer (if required). Of course, you **MUST** remember the password.

Type the password you selected when you exported the certificate. You must remember the password or the certificate will **NOT** work!



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Import Certificate on Vista



The image shows a screenshot of the 'Certificate Import Wizard' window in Windows Vista. The window has a title bar with the text 'Certificate Import Wizard' and a close button. The main content area is titled 'Certificate Store' and contains the following text: 'Certificate stores are system areas where certificates are kept.' Below this, there is a horizontal line and a paragraph: 'Windows can automatically select a certificate store, or you can specify a location for the certificate.' There are two radio buttons: the first is 'Automatically select the certificate store based on the type of certificate' and the second is 'Place all certificates in the following store'. The second radio button is selected. Below the radio buttons, there is a label 'Certificate store:' followed by a text box containing the word 'Personal'. A red arrow points to the 'Personal' text box. To the right of the text box is a 'Browse...' button. At the bottom of the window, there are three buttons: '< Back', 'Next >', and 'Cancel'. A yellow callout box with a blue border is positioned to the right of the 'Personal' text box, containing the text: 'This should automatically default to "Personal." Select Browse, and then click "Personal" if it didn't default correctly.'

Certificate Import Wizard

Certificate Store

Certificate stores are system areas where certificates are kept.

Windows can automatically select a certificate store, or you can specify a location for the certificate.

☐ Automatically select the certificate store based on the type of certificate

☒ Place all certificates in the following store

Certificate store:

Personal

Browse...

Learn more about [certificate stores](#)

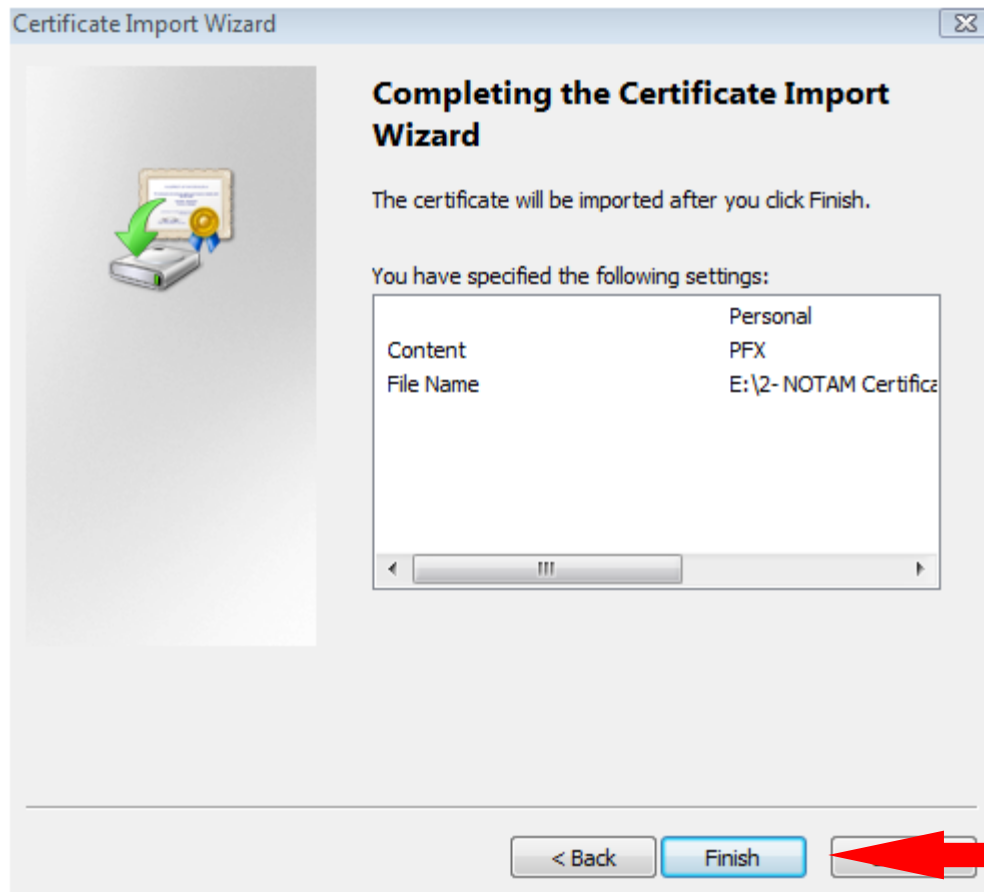
< Back Next > Cancel

This should automatically default to "Personal." Select Browse, and then click "Personal" if it didn't default correctly.



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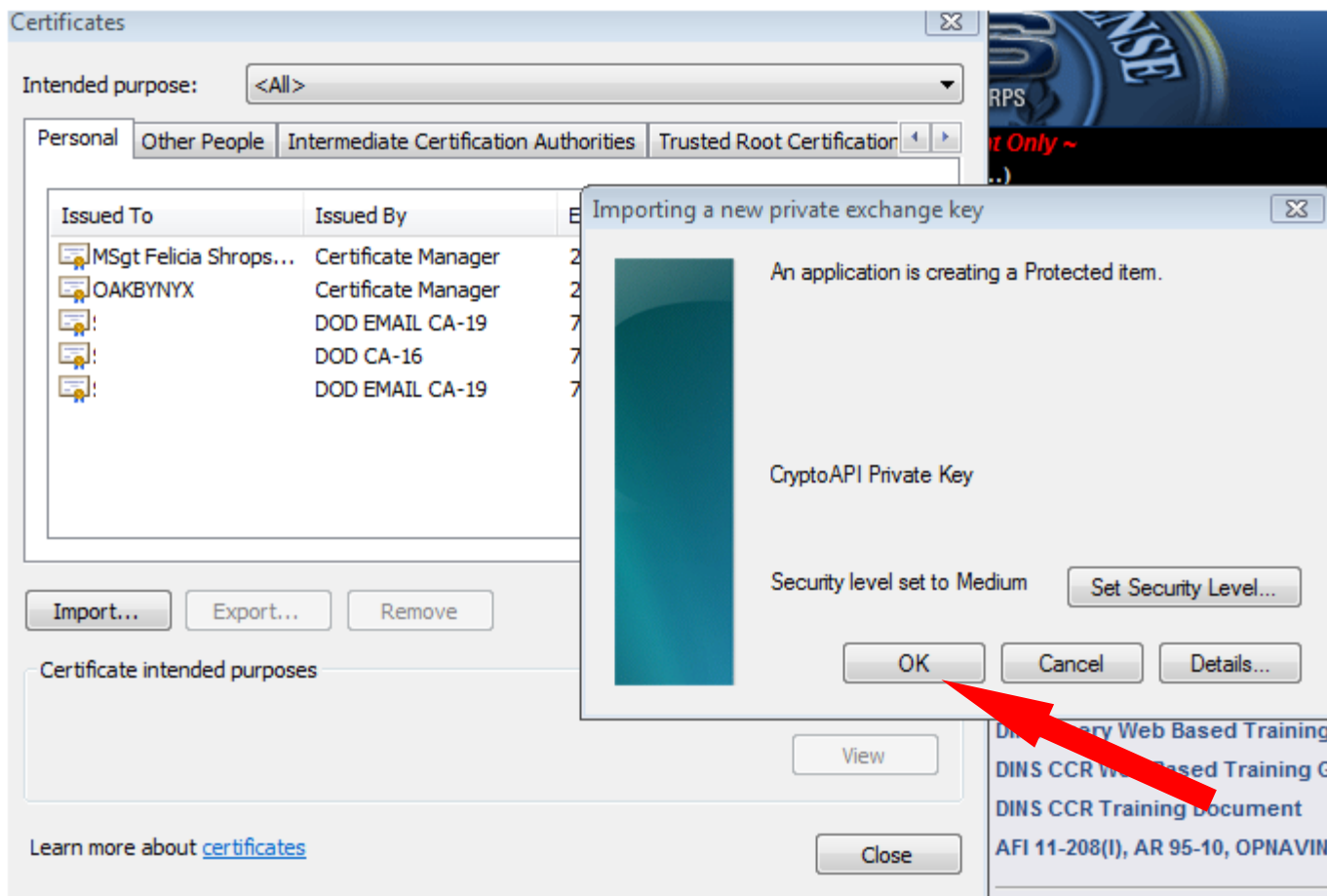
Import Certificate on Vista





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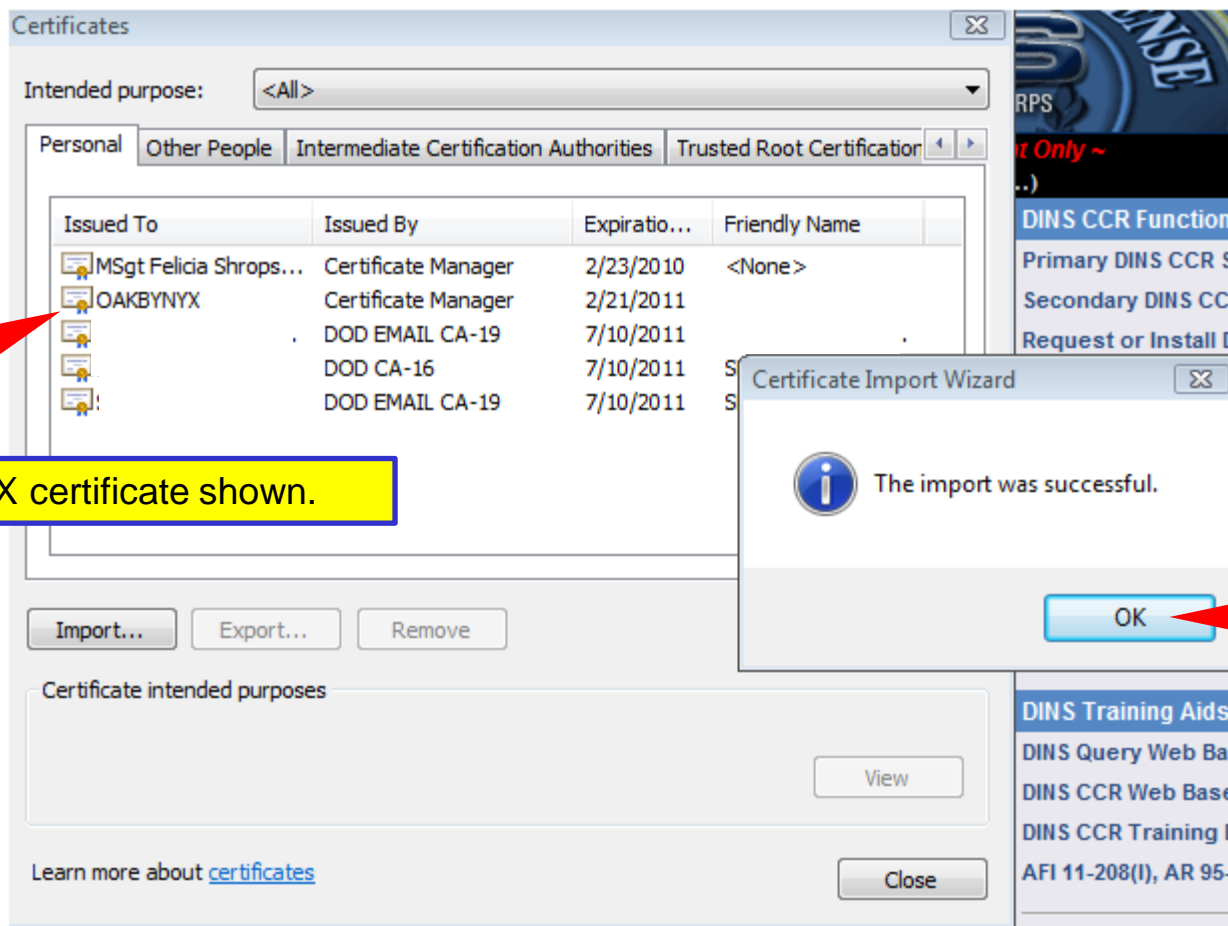
Import Certificate on Vista





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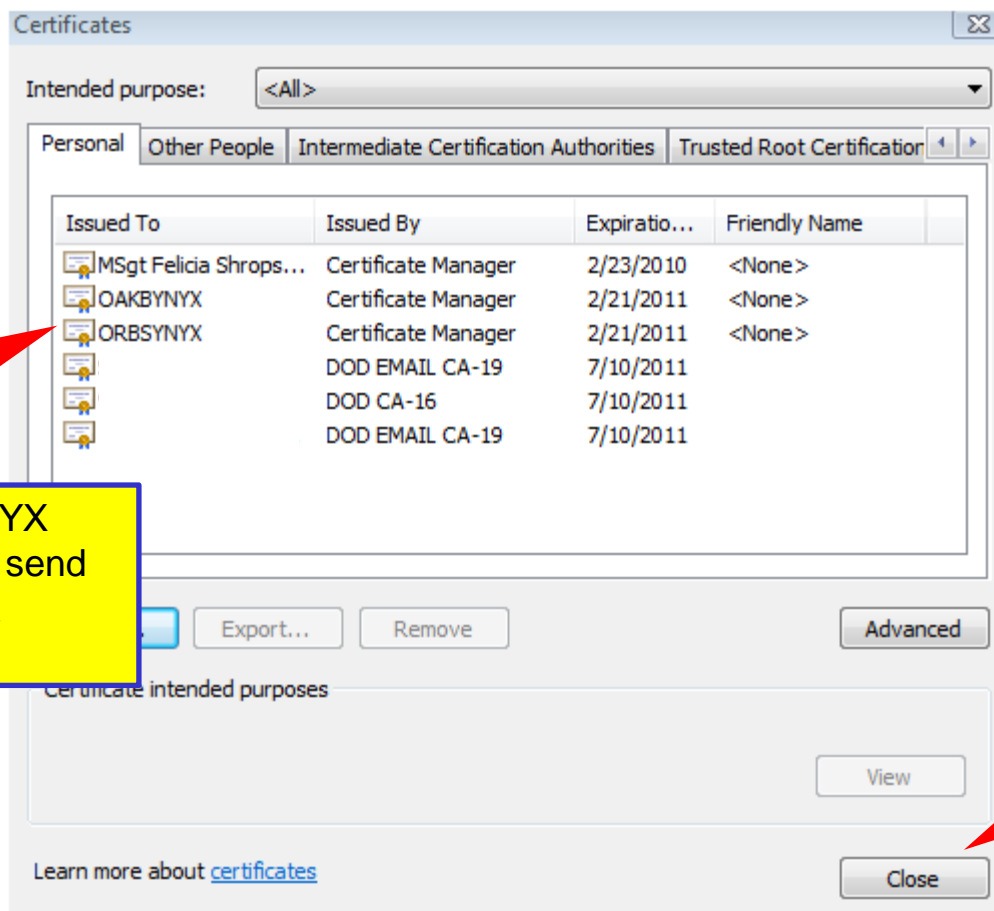
Import Certificate on Vista





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Import Certificate on Vista



There's the ORBSYNYX certificate. I can now send NOTAMs on my Vista computer.

Click **Close**.